

An aerial photograph of a paved multi-use trail winding through a green landscape. A person is riding a dark horse on the trail, followed by two people walking. The trail is bordered by a grassy area and a line of trees on the left, and a grassy field on the right.

Utility Corridors: Expanding the Meaning of Multi-Use

2014 California Trails and Greenways Conference

Utility Corridors

- » Flood control channels
- » Power lines
- » Water supply
- » Pipelines
- » Aqueduct
- » Transportation corridors
- » Railways



LOS ANGELES COUNTY FLOOD CONTROL DISTRICT

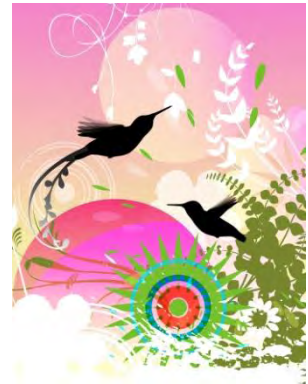


Trails and Greenways on Los Angeles County Flood Control District Property

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Senior Civil Engineer

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CA Trails and Greenways Conference, Palm Springs

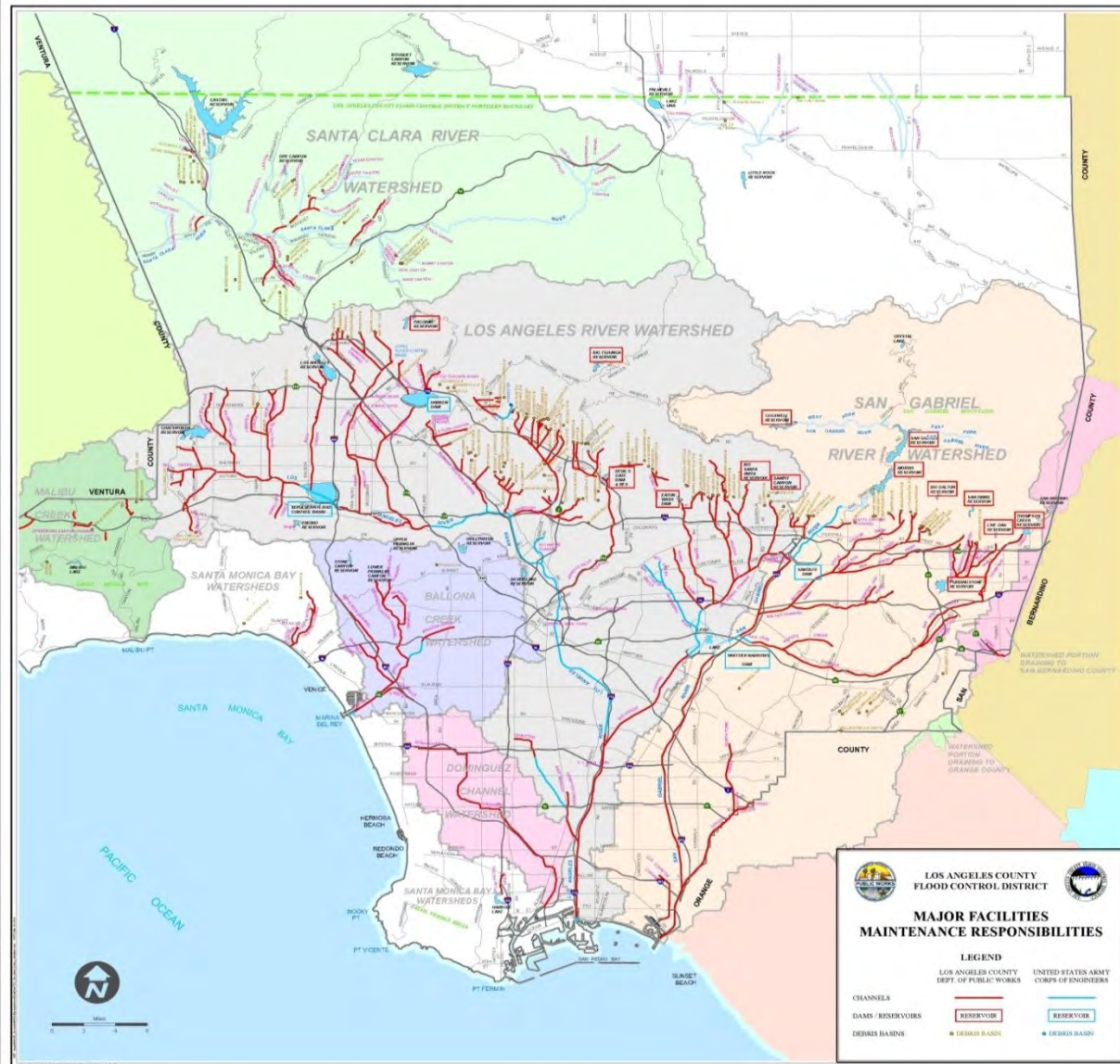


Presentation Overview

- **Los Angeles County Flood Control District**
- **Planning**
- **Implemented Projects**
- **Aging Infrastructure**
- **Things to Consider**



Los Angeles County Flood Control District



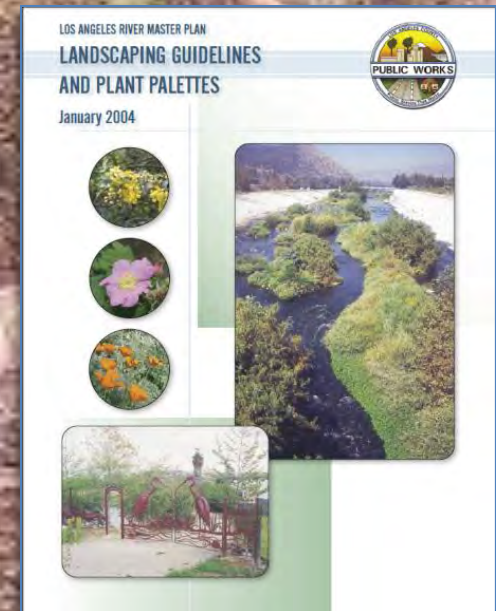
- LACFCD Formed in 1915
- 14 Dams
- 26 spreading grounds
- 524 miles of open channels & rivers
- 2,800 miles of storm drains
- 14 rubber dams
- 162 debris basins



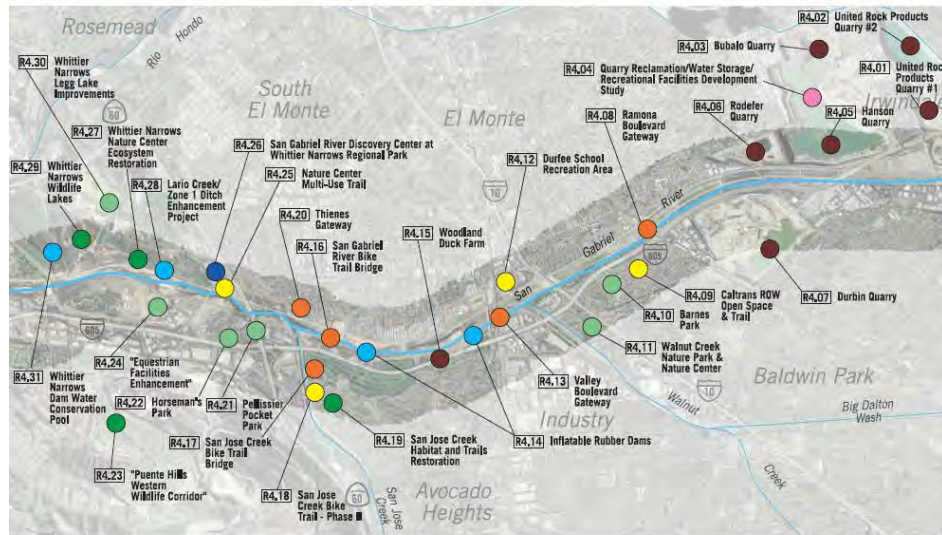
Planning



Los Angeles River Master Plan



San Gabriel River Master Plan



Master Plan Projects: Reach 4

County of Los Angeles Department of Public Works
San Gabriel River Corridor Master Plan



Plans Developed By Others

EMERALD NECKLACE FEASIBILITY STUDY & IMPLEMENTATION PLAN - PHASE I

The Emerald Necklace is an extraordinary 17-mile loop of bicycle and multi-use trails that links parks and open spaces along two waterways, the San Gabriel River and the Rio Hondo. Phase I's 16 projects will close gaps in this regional recreational trails network and increase access to hundreds of thousands of constituents. Ongoing efforts will also add gateways, signage and greening. Further phases identified in the feasibility study will continue to expand the system in following years, contingent on funding and public support.

Westside Multi-Use Trail:

A Trail for All User Groups

The primary benefit of this trail is to create a continuous loop around the Emerald Necklace. The trail will provide a safe, scenic route for all user groups. The secondary benefit is to provide a link to the Emerald Necklace for the Westside community.

- 12 Multi-Use Trail: Alhambra Wash from State Highway 60 to the Garvey Community Center with Gates, Signage, etc.
- 13 Underpass at Rosemead Blvd.
- 14 Street Access Ramps at Rosemead Blvd. with Gates & Signage
- 15 10 Freeway Underpass Improvements
- 16 Multi-Use Trail: Rosemead Blvd. to Valley Blvd.

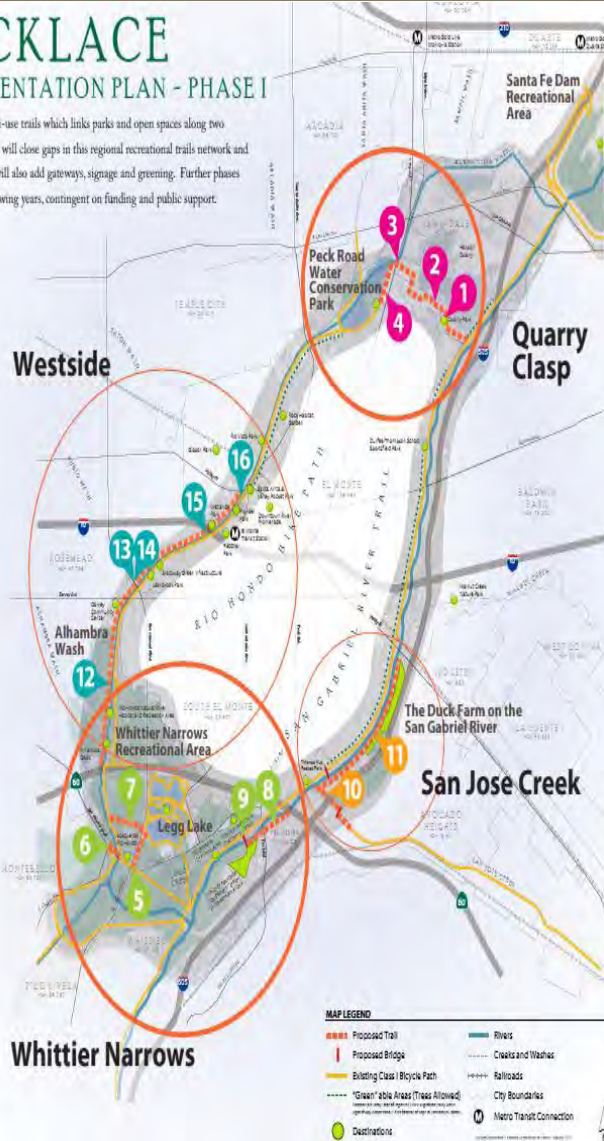
Whittier Narrows Connectivity:

Linking Existing Park Resources

This segment of the trail will link the existing trails at Whittier Narrows and the Rio Hondo. The trail will provide a safe, scenic route for all user groups. The secondary benefit is to provide a link to the Emerald Necklace for the Whittier Narrows community.

- 5 Class I Bicycle Path: On Rosemead Blvd. to Legg Lake
- 7 Class I Bicycle Path: From the Rio Hondo to Legg Lake through the Southern California Edison Easement
- 6 Class I Bicycle Path: From El Bosque del Rio Hondo to Lincoln Ave. on San Gabriel Blvd. with Enhanced Signalized Crossing, Signage & Wayfinding
- 8 Multi-Use Trail: Pollock Village from State Highway 60 to Horsemans Park
- 9 Multi-Use Bridge: Pollock Bridge at Horsemans Park

PROJECT COMPONENTS



Quarry Clasp:

Completing the Loop

This segment of the trail will complete the loop around the Emerald Necklace. The trail will provide a safe, scenic route for all user groups. The secondary benefit is to provide a link to the Emerald Necklace for the Quarry Clasp community.

- 1 Park Development with Trail, Gates, Signage and Amenities
- 2 Multi-Use Trail and Bike Paths
- 3 Signalized Crossing at Peck Road with Signage and Wayfinding
- 4 Rio Hondo Multi-Use Trail and Class I Bicycle Path Connection in Peck Road Water Conservation Park

San Jose Creek Regional Access:

Connecting Communities East of the San Gabriel River

This segment of the trail will provide a link to the Emerald Necklace for the San Jose Creek community. The trail will provide a safe, scenic route for all user groups.

- 10 Multi-Use Trails and 2 Multi-Use Bridges: From San Jose Creek Trail to San Gabriel River Trail
- 11 Multi-Use Trail: From San Jose Creek to the Duck Farm on the San Gabriel River



PLANNING CONSULTANTS:



Bicycle Master Plan

Final Plan - October 2011



Implemented Projects



Dominguez Gap Wetlands



Dominguez Gap Wetlands



Before

After

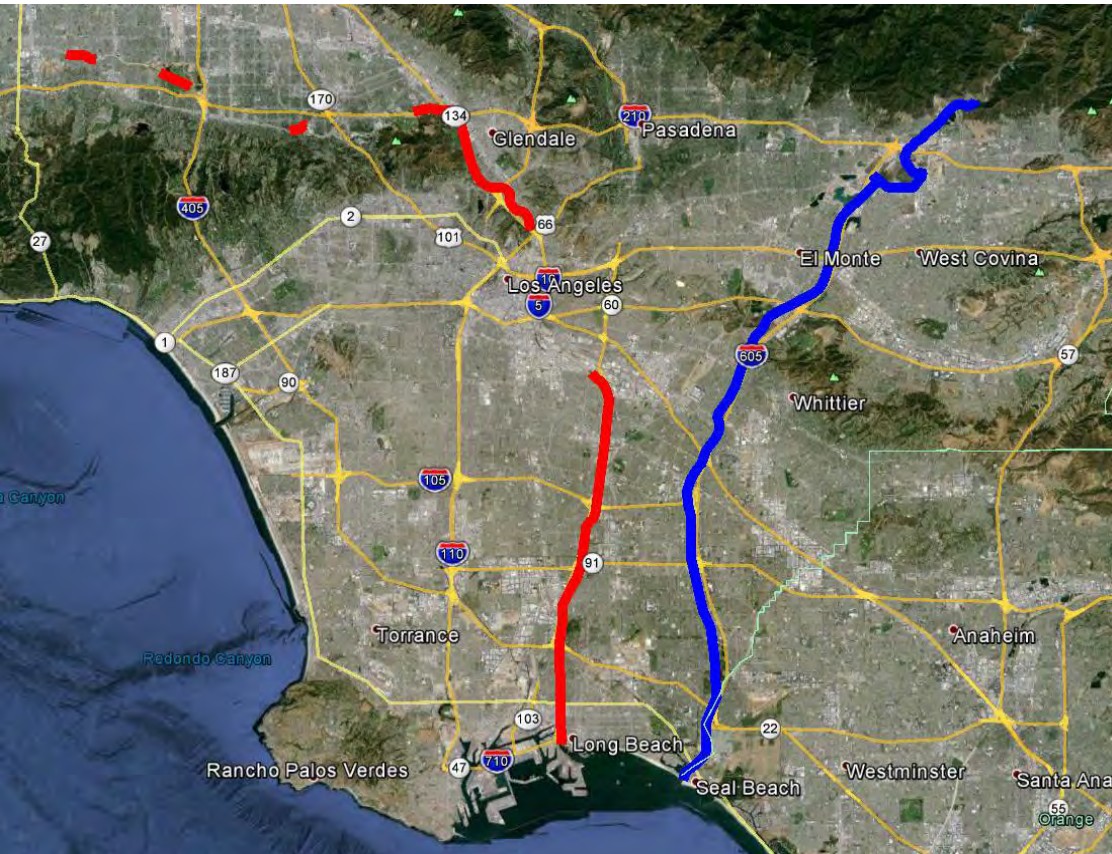
Paseo del Rio at San Gabriel Spreading Basin



Paseo del Rio at San Gabriel Spreading Basin



Los Angeles and San Gabriel Rivers Regional Bike Paths



Aging Infrastructure



Things to Consider



Stakeholder Vision



Future Opportunities



Design Development



Maintenance Responsibilities



Project Success Evaluation

Develop a Stakeholder Vision



Collaboration Works Best



Design Development



Maintenance Responsibilities



Project Success Evaluation



Be Prepared for Future Opportunities





Thank You